

Converting Colors

XYZ(71.5854, 75.6998, 69.8708)

Have a look what the booklet for
XYZ(71.5854, 75.6998, 69.8708)
contains.

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Color

**XYZ(71.4664, 75.5112,
69.8399)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E1CF
RGB	232, 225, 207
RGB Percent	91%, 88%, 81%
CMY	0.0902, 0.1176, 0.1882
CMYK	0.00, 0.03, 0.11, 0.09
HSL	43°, 35%, 86%
HSV	43°, 11%, 91%
XYZ	71.4664, 75.5112, 69.8399
YIQ	225.0410, 9.9500, -4.1140

Conversions

Conversions Part 2

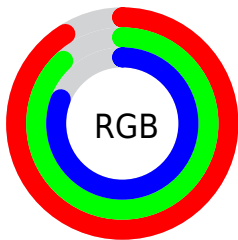
Format	Color
R_{YB}	217, 232, 207
Decimal	15262159
CIE _{Lab}	89.63, -0.65, 9.64
CIE _{LCh}	90, 9.663, 93.829
Yxy	75.5112, 0.3296, 0.3483
Android (android.graphics.Color)	4293452239 (0xFFE8E1CF)
YUV	225.0410, -8.8942, 6.1030
Hunter-Lab	86.8972, -5.2672, 13.1762

Details

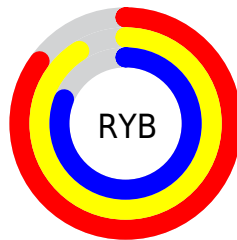
The XYZ color **71.4664, 75.5112, 69.8399** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.3440, 67.1835, 85.9211**, and the grayscale version is **71.6562, 75.3879, 82.0974**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0290, 40.2795, 35.9074** is the 20% darker color. If you saturate the color by 10%, you get **67.1148, 71.0180, 55.4089**, and if you desaturate by 10%, it is **76.3057, 80.3112, 86.4914**.

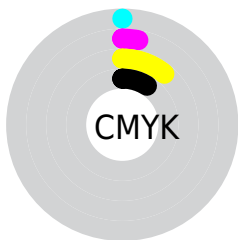
Distribution



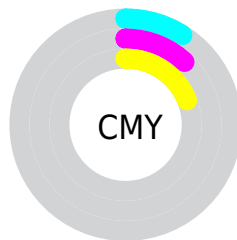
- Red (91%)
- Green (88%)
- Blue (81%)



- Red (85%)
- Yellow (91%)
- Blue (81%)



- Cyan (0%)
- Magenta (3%)
- Yellow (11%)
- Black (9%)



- Cyan (9%)
- Magenta (12%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4664, 75.5112, 69.8399 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 71.4664, 75.5112, 69.8399 by changing the saturation by 10% instead.

■ 71.4664, 75.5112,
69.8399

■ 71.4664, 75.5112,
69.8399

454.8687,
479.6728, 478.7616

■ 53.0068, 56.0318,
50.9200

120.3125,
127.0357, 120.6594

■ 38.0357, 40.2284,
35.7687

151.4297,
159.8496, 153.3961

■ 26.1877, 27.7167,
23.9673

187.4968,
197.8771, 191.5755

■ 17.0976, 18.1122,
15.0974

228.8793,
241.5027, 235.6161

■ 10.3998, 11.0306,
8.7404

275.9423,
291.1106, 285.9364

■ 5.7291, 6.0874,
4.4777

329.0513,

■ 2.7202, 2.8983,

347.0853, 342.9551

1.8909

388.5717,
409.8113, 407.0907

■ 1.0076, 1.0789,
0.4869

■ 0.0000, 0.0000,
0.0000

■ 71.4664, 75.5112,
69.8399

■ 71.4664, 75.5112,
69.8399

■ 67.1148, 71.0180,
55.4089

■ 76.3057, 80.3112,
86.4914

■ 63.2259, 66.8130,
43.0981

■ 81.6442, 85.4164,
105.4484

■ 59.7815, 62.8902,
32.8063

■ 83.8248, 89.3674,
107.4393

■ 56.7599, 59.2398,
24.4226

■ 85.8179, 93.3537,
108.1037

■ 54.1372, 55.8508,
17.8247

■ 87.0890, 95.8960,
108.5274

■ 51.8867, 52.7115,
12.8767

■ 49.9780, 49.8084,
9.4224

■ 48.3752, 47.1257,
7.2756

■ 47.1127, 44.8234,
6.1687

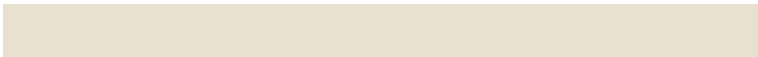
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.8055, 75.5112, 71.0237



71.4664, 75.5112, 69.8399



69.2570, 75.5112, 71.8194

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.4664, 75.5112, 69.8399



68.0416, 75.5112, 89.7221



75.9510, 75.5112, 88.1271

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



71.4664, 75.5112, 69.8399



64.3440, 67.1835, 85.9211

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.3453, 75.5112, 93.5767



71.4664, 75.5112, 69.8399



69.7745, 75.5112, 94.5326

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.4664, 75.5112, 69.8399



67.3075, 75.5112, 83.0959



72.0767, 75.5112, 95.9804



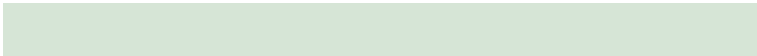
76.4279, 75.5112, 81.3480

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.4664, 75.5112, 69.8399



68.1450, 75.5112, 74.7342



72.0767, 75.5112, 95.9804



75.5236, 75.5112, 90.1873

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



71.4685, 75.5145, 69.8415



93.1635, 98.1588, 102.3154



67.7407, 66.6418, 72.9680



19.8349, 20.9060, 21.5324



0.0000, 0.0000, 0.0000



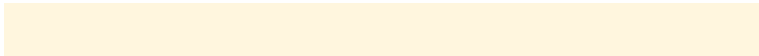
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.4685, 75.5145, 69.8415



87.2765, 92.2696, 82.2117



71.6672, 78.4823, 70.4039



15.2428, 16.0996, 15.2086



26.2664, 25.1069, 3.4617



2.0184, 2.0101, 0.2816

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



64.3440, 67.1835, 85.9211



76.7395, 79.9484, 105.9947



64.1510, 64.5120, 85.4156



13.9095, 14.5404, 18.2178



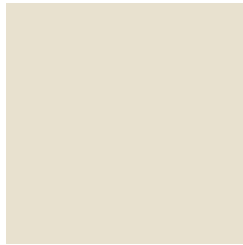
9.2246, 5.5113, 42.9608



0.7582, 0.5604, 3.2002

Previews

White Background



This preview shows how the XYZ color 71.4664, 75.5112, 69.8399 looks on a white background.

Color Contrast Check

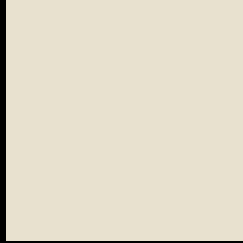
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 71.4664, 75.5112, 69.8399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

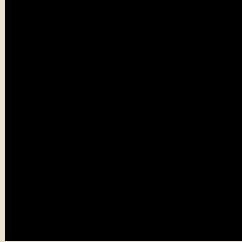
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

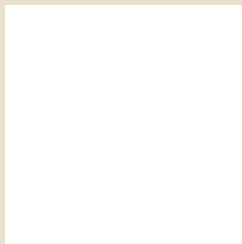
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.4664, 75.5112, 69.8399

Background



This preview shows how black text looks on a background with the XYZ color 71.4664, 75.5112, 69.8399.

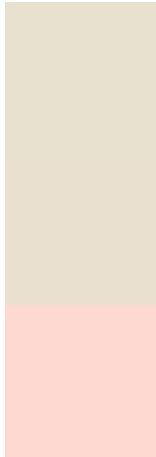


This preview shows how white text looks on a background with the XYZ color 71.4664, 75.5112,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

71.4664, 75.5112, 69.8399

Protanopia

71.8498, 75.3087, 69.7806

Deuteranopia

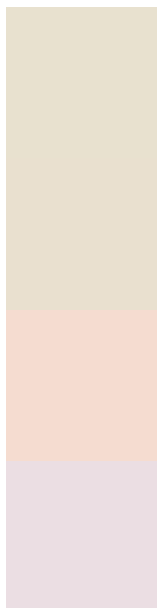
76.8295, 75.1118, 70.7703



Tritanopia

75.6179, 75.1923, 91.4170

Trichromacy



Original Color

71.4664, 75.5112, 69.8399

Protanomaly

71.5224, 75.1399, 69.7653

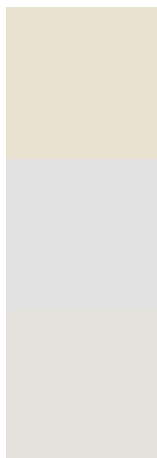
Deuteranomaly

74.6346, 75.1529, 70.2468

Tritanomaly

74.2474, 75.4508, 83.3232

Monochromacy



Original Color

71.4664, 75.5112, 69.8399

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.5750, 75.4064, 77.1121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4664, 75.5112, 69.8399 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(232, 225, 207) looks like.

```
.text, #text, p{  
    color:rgb(232, 225, 207)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(232, 225, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 225, 207) }
```

Border

The CSS property to change the border of an element to XYZ 71.4664, 75.5112, 69.8399 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(232, 225, 207) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(232, 225, 207) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(232, 225, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 225, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 225, 207);  
box-shadow:4px 4px 4px 4px rgb(232, 225,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4664, 75.5112, 69.8399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 225, 207) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(232,  
225, 207) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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